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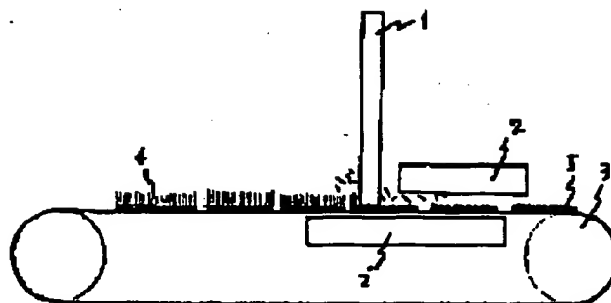
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APPLICANT : TORAY IND INC;

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TITLE : CUTTING AND RECYCLING OF
SURFACE FIBER OF CARPET AND
DEVICE THEREFOR



ABSTRACT : PROBLEM TO BE SOLVED: To provide a method for more efficiently recycling a used carpet without deteriorating the quality required for that use, and also provide a device therefor.

SOLUTION: This method for cutting and recycling surface fibers of a carpet composed of the surface fibers and a supporting material comprises cutting and separating the surface fibers and the supporting material, respectively separating and recovering the surface fibers and supporting material. Furthermore, the device for cutting and recycling the surface fibers of the carpet is obtained by providing a conveyor 3, a cutting and separating cutter 1, a suction part 2' under a negative pressure for supporting the carpet and removing wrinkles and a collector 2 for recovering the cut and separated surface fibers.

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